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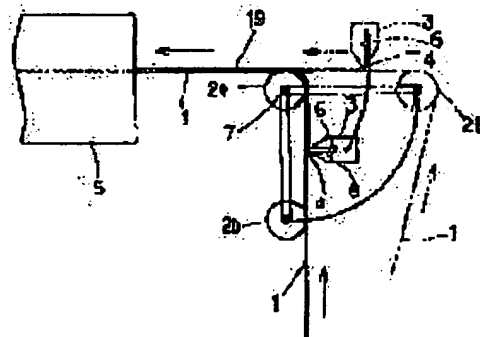
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(54) COATING METHOD AND DEVICE THEREFOR

(57)Abstract:

PURPOSE: To allow the coating which is broad and uniform deals with high-speed coating and is suitable particularly for magnetic recording media by changing the coating liquid discharge direction of an extrusion type coating head and changing the transporting route of an object to be coated in synchronization with this change.

CONSTITUTION: A discharge port 4 of the extrusion type coating head 3 is set at 90° angle with a gravity direction at the time of starting coating. The coating head 3 is connected to transporting rollers 2a and 2b. On the other hand, the transporting rollers 2a and 2b which transport a base 1 are freely turned around a revolving shaft 7 together with the coating head 3 connected thereto by a driving device. Consequently, the contact pressure between the discharge port 4 and the base is kept constant to prevent the coating liquid of the discharge port 4 from dropping and the thickness of the coating film from fluctuating. The direction of the discharge port 4 after turning is preferably $0^\circ \pm 30^\circ$ in the gravity direction. Gravity is thereby applied to one pressure of the coating liquid and the uniform thin film is applied over the entire part of the base 1. The flow of the coating liquid is smoothed even when high-speed coating is executed.



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